IAP15 Rec'd PCT/PTO 15 AUG 2006

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 545/73

wn, see 37 CFR 1.5) INTERNATIONAL FILING DATE December 22, 2004 March 29, 2004

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PCT/JP2004/019208 TITLE OF INVENTION Processor, Multiprocessor System, Processor System, Information Processing Device, And Temperature Control Method APPLICANT(S) FOR DO/EO/US Kazuaki YAZAWA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. **7** An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 10. Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. 13. 🗸 A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 17. L A second copy of the published International Application under 35 U.S.C. 154(d)(4). 18. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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U.S. APPLICATION NO. (if known see 870 FR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 545/73 PCT/JP2004/019208 20. Other items or information: Title pages of PCT/JP2004/019208; a Marked-up specification, Six (6) Sheets of Drawings, Credit Card Payment Form for \$1,200.00; Return Postcard CALCULATIONS PTO USE ONLY The following fees have been submitted 300.00 Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared 200.00 All other situations.....\$200 Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by 500.00 previously communicated to the US by the IB......\$400 All other situations.....\$500 \$ 1,000.00 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. RATE Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) /50 = x \$250 - 100 = Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). NUMBER FILED NUMBER EXTRA RATE \$ **CLAIMS** \$ Total claims 7 \$ 50 4 - 3 = \$200 200.00 Independent claims 1 \$360 MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS = \$1,200.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$1,200.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = \$1,200.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 1,200.00 Amount to be refunded: Amount to be \$ charged

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a. A check in	the amount of \$	to cover the above fe	ees is enclosed.	
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The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-0223. A duplicate copy of this sheet is enclosed.				
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
900 Route 9 No	rnier, Esq. AN GIBSON & DERNIER LLP rth ew Jersey 07095) 634-7634		SIGNATURE Matthew B. Dernier NAME 40,989 REGISTRATION NUMBER	

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August 15, 2006

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Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Re:

Applicant: Kenichi ADACHI

Processor, Multiprocessor System, Processor System, Information Processing

Apparatus And Temperature Control

International Application No.: PCT/JP2004/019208

Attorney Docket No.: 545/73

Dear Sir:

Submitted herewith are documents constituting a U.S. Patent Application under 35 U.S.C. § 371. The documents include:

- 1. A Transmittal Letter expressly requesting to begin national examination procedures;
- 2. A literal translation of the International Application in English;
- 3. A copy of the Title Page of the published International Application;
- 4. A Preliminary Amendment (including substitute specification and marked-up specification);
- 5. Six (6) sheets of drawings;
- 6. Application Data Sheet;
- 7. Information Disclosure Statement, PTO SP08A/B forms and cited references;
- 8. A self addressed, postage prepaid return postcard; and
- 9. A fee in the amount of \$1,200.00.

Commissioner of Patents August 15, 2006 Page 2

The Commissioner is authorized to charge any additional fees which may be required, or to credit any overpayment to our Deposit Account No. 11-0223.

Very truly yours,

KAPLAN GILMAN GIBSON & DERNIER LLP

Matthew B. Dernier

mdernier@kaplangilman.com

Reg. No. 40,989

MBD/uhw Enclosures

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